

## ABSTRACT OF THE DISCLOSURE

The piston ring of the present invention comprises a thermal spray coating comprising chromium carbide particles having an average particle size of 5  $\mu\text{m}$  or less, and a matrix metal composed of a Ni-Cr alloy or a  
5 Ni-Cr alloy and Ni at least on an outer peripheral surface, said thermal spray coating having an average pore diameter of 10  $\mu\text{m}$  or less and a porosity of 8% or less by volume. A piston ring having excellent wear resistance, scuffing resistance and peeling resistance with little attackability on a mating member is obtained by forming a homogeneous thermal spray  
10 coating having a fine microstructure.